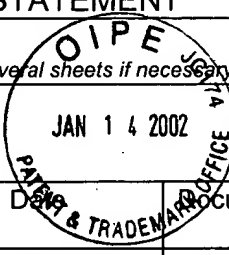


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INFORMATION DISCLOSURE STATEMENT		Applicant(s) <div style="text-align: right;">Charles A. NICOLETTE</div>			
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<div style="display: flex; justify-content: space-between; align-items: center;"> <div style="text-align: center;">  <p>JAN 14 2002</p> </div> <div>U.S. PATENT DOCUMENTS</div> <div style="text-align: right;"> <p style="transform: rotate(-45deg);">RECEIVED</p> <p style="transform: rotate(-45deg);">JAN 17 2002</p> <p style="transform: rotate(-45deg);">TECH CENTER 1600/2900</p> </div> </div>					
Examiner Initials	Ref. No.	Date	Document No.	Name	Filing Date (if appropriate)
	1.	07/28/87	4,683,195	Mullis et al.	
	2.	07/28/87	4,683,202	Mullis	
	3.	06/28/88	4,754,065	Levenson et al.	
	4.	01/24/89	4,800,159	Mullis et al.	
	5.	08/08/95	5,440,013	Kahn	
	6.	11/17/98	5,837,249	Heber-Katz et al.	
FOREIGN PATENT DOCUMENTS					
Examiner Initials	Ref. No.	Date	Document No.	Name	Translation YES NO
	7.	08/01/96	WO 96/23060	The Government of the United States of America	
OTHER DOCUMENTS					
(including author, title, date, pertinent pages, etc.)					
Examiner Initials	Ref. No.	Title			
	8.	Altman, J.D. et al., "Phenotypic analysis of antigen-specific T lymphocytes" (1996) <i>Science</i> <b>274</b> (5284):94-96			
	9.	Bertoni, R. et al., "Human class I supertypes and CTL repertoires extend to chimpanzees" (1998) <i>J. Immunol.</i> <b>161</b> :4447-4455			
	10.	Boczkowski, D. et al., "Dendritic cells pulsed with RNA are potent antigen-presenting cells in vitro and in vivo" (1996) <i>J. Exp. Med.</i> <b>184</b> :465-472			
	11.	Bordignon, C. et al., "Retroviral vector-mediated high-efficiency expression of adenosine deaminase (ADA) in hematopoietic long-term cultures of ADA-deficient marrow cells" (1989) <i>PNAS USA</i> <b>86</b> :6748-6752			
	12.	Carter, B.J., "Adeno-associated virus vectors" (1992) <i>Curr. Op. Biotechnol.</i> <b>3</b> :533-539			
	13.	Caruso, A. et al., "Flow cytometric analysis of activation markers on stimulated T cells and their correlation with cell proliferation" (1997) <i>Cytometry</i> <b>27</b> :71-76			
	14.	Correll, P.H. et al., "Production of human glucocerebrosidase in mice after retroviral gene transfer into multipotential hematopoietic progenitor cells" (1989) <i>PNAS USA</i> <b>86</b> :8912-8916			
	15.	Coulie, P.G., "Human tumour antigens recognized by T cells: new perspectives for anti-cancer vaccines?" (1997) <i>Molec. Med. Today</i> <b>3</b> :261-268			
	16.	Culver, K. et al., "Lymphocytes as cellular vehicles for gene therapy in mouse and man" (1991) <i>PNAS USA</i> <b>88</b> :3155-3159			
	17.	Dharanipragada, R. et al., "The absolute configuration of an intermediate in the asymmetric synthesis of unusual amino acids" (1992) <i>Acta. Cryst.</i> <b>C48</b> :1239-1241			
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18.	Dharanipragada, R. et al., "Synthetic linear and cyclic glucagon antagonists" (1993) <i>Int. J. Peptide Protein Res.</i> <b>42(1)</b> :68-77		
19.	DiMaio, J. et al., "Synthesis of chiral piperazin-2-ones as model peptidomimetics" (1989) <i>J. Chem. Soc. Perkin Trans.</i> <b>1(9)</b> :1687-1689		
20.	Feltkamp, M.C.W. et al., "Competition inhibition of cytotoxic T-lymphocyte (CTL) lysis, a more sensitive method to identify candidate CTL epitopes than induction of antibody-detected MHC class I stabilization" (1995) <i>Immunol. Lett.</i> <b>47</b> :1-8		
21.	Ferguson, et al. "Cell-surface anchoring of proteins via glycosyl-phosphatidylinositol structures" (1988) <i>Ann. Rev. Biochem.</i> <b>57</b> :285-320		
22.	Fujihashi, K. et al., "Cytokine-specific ELISPOT assay single cell analysis of IL-2, IL-4 and IL-6 producing cells" (1993) <i>J. Immunol. Meth.</i> <b>160</b> :181-189		
23.	Garvey D.S. et al., "3,4-disubstituted $\gamma$ -lactam rings as conformationally constrained mimics of peptide derivatives containing aspartic acid or norleucine" (1990) <i>J. Org. Chem.</i> <b>55(3)</b> :936-940		
24.	Hruby, V.J., "Conformational restrictions of biologically active peptides via amino acid side chain groups" (1982) <i>Life Sciences</i> <b>31</b> :189-199		
25.	Hruby, V.J. et al. "Emerging approaches in the molecular design of receptor-selective peptide ligands: conformational, topographical and dynamic considerations" (1990) <i>Biochem J.</i> <b>268</b> :249-262		
26.	Isakov, N. et al., "ZAP-70 binding specificity to T cell receptor tyrosine-based activation motifs: The tandem SH2 domains of ZAP-70 bind distinct tyrosine-based activation motifs with varying affinity" (1995) <i>J. Exp. Med.</i> <b>181</b> :375-380		
27.	Jones, R.C.F. and G.J. Ward, "Amide bond isosteres: imidazolines in pseudopeptide chemistry" (1988) <i>Tetrahedron Lett.</i> <b>29(31)</b> :3853-3856		
28.	Kahn, M. and S. Bertenshaw, "The incorporation of $\beta$ -turn prosthetic units into merrifield solid phase peptide synthesis" (1989) <i>Tetrahedron Lett.</i> <b>30(18)</b> :2317-2320		
29.	Karlsson, S. et al., "Stable gene transfer and tissue-specific expression of a human globin gene using adenoviral vectors" (1986) <i>The EMBO J.</i> <b>5(9)</b> :2377-2385		
30.	Kawakami, Y. et al., "Cloning of the gene coding for a shared human melanoma antigen recognized by autologous T cells infiltrating into tumor" (1994) <i>PNAS USA</i> <b>91(9)</b> :3515-3519		
31.	Kazmierski, W. M. and V.J. Hruby, "Asymmetric synthesis of topographically constrained amino acids: synthesis of the optically pure isomers of $\alpha,\beta$ -dimethyl-phenylalanine and $\alpha,\beta$ -dimethyl-1,2,3,4-tetrahydroisoquinoline-3-carboxylic acid" (1991) <i>Tetrahedron Lett.</i> <b>32(41)</b> :5769-5772		
32.	Kazmierski, W.M. et al., "Topographic design of peptide neurotransmitters and hormones on stable backbone templates: relation of conformation and dynamics to bioactivity" (1991) <i>J. Am. Chem. Soc.</i> <b>113</b> :2275-2283		
33.	Kemp, D.S. and P.E. McNamara, "Conformationally restricted cyclic nonapeptides derived from L-cysteine and LL-3-amino-2-piperidone-6-carboxylic acid (LL-Acp), a potent $\beta$ -turn-inducing dipeptide analogue" (1985) <i>J. Org. Chem.</i> <b>50</b> :5834-5838		
34.	Kemp, D.S. and B.R. Bowen, "Conformational analysis of peptide-functionalized diacylaminoepindolidiones <sup>1</sup> H NMR evidence for $\beta$ -sheet formation" (1988) <i>Tetrahedron Lett.</i> <b>29(40)</b> :5081-5082		
35.	Kemp, D.S. and W.E. Stites, "A convenient preparation of derivatives of 3(S)-amino-10(R)-carboxy-1, 6-diaza-cyclodeca-2, 7-dione The dilactam of L- $\alpha$ , $\gamma$ -diaminobutyric acid and D-glutamic acid: A $\beta$ -turn template" (1988) <i>Tetrahedron Lett.</i> <b>29(40)</b> :5057-5060		

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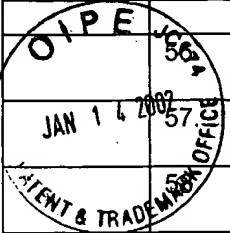
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36.	Kemp, D.S. and T.P. Curran, "(2, 5S, 8S, 11S)-1-acetyl-1, 4-diaza-3-keto-5-carboxy-10-thia-tricyclo-[2.8.0 <sup>4,8</sup> ]-ridecane, 1 the preferred conformation of 1 (1= $\alpha$ temp-OH) and its peptide conjugates $\alpha$ temp-L-(Ala) <sub>n</sub> -OR (n=1 to 4) and $\alpha$ -temp -L-Ala-L-Phe-Lys( $\epsilon$ Boc)-L-Lys( $\epsilon$ -Boc)-NHMe studies of templates for $\alpha$ -helix formation" (1988) <i>Tetrahedron Lett.</i> <b>29(39)</b> :4935-4938		
37.	Kemp, D.S. and J.S. Carter, "Amino acid derivatives that stabilize secondary structures of polypeptides. 4. Practical synthesis of 4-(alkylamino)-3-cyano-6-azabicyclo[3.2.1]oct-3-enes (ben derivatives) as $\gamma$ -turn templates" (1989) <i>J. Org. Chem.</i> <b>54</b> :109-115		
38.	McGrory, W.J. et al., "Short communications: A simple technique for the rescue of early region I mutation into infectious human adenovirus type 5" (1988) <i>Virology</i> <b>163</b> :614-617		
39.	Merrifield, R.B., "New approaches to the chemical synthesis of peptides" (1967) <i>Recent Progress in Hormone Res.</i> <b>23</b> :451-482		
40.	Miyake, A. et al., "Synthesis and angiotensin converting enzyme inhibitory activity of 1,2,3,4-tetrahydroisoquinoline-3-carboxylic acid derivatives" (1984) <i>J. Takeda Res. Labs.</i> <b>43(3/4)</b> :53-76		
41.	Mosier, D.E. et al., "Resistance to human immunodeficiency virus 1 infection of SCID mice reconstituted with peripheral blood leukocytes from donors vaccinated with vaccinia gp160 and recombinant gp160" (1993) <i>PNAS. USA</i> <b>90</b> :2443-2447		
42.	Muzyczka, "Use of adeno-associated virus as a general transduction vector for mammalian cells" (1992) <i>Curr. Top. Microbiol. Immunol.</i> <b>158</b> :97-129		
43.	Nagai, U. and K. Sato, "Synthesis of a bicyclic dipeptide with the shape of $\beta$ -turn central part" (1985) <i>Tetrahedron Lett.</i> <b>26(5)</b> :647-650		
44.	Nair, S. et al., "Soluble proteins delivered to dendritic cells via pH-sensitive liposomes induce primary cytotoxic T lymphocyte responses in vitro" (1992) <i>J. Exp. Med.</i> <b>175</b> :609-612		
45.	Olson, G.L. et al., "Design and synthesis of a protein $\beta$ -turn mimetic" (1990) <i>J. Am. Chem. Soc.</i> <b>112</b> :323-333		
46.	Paglia, P. et al., "Murine dendritic cells loaded in vitro with soluble protein prime cytotoxic T lymphocytes against tumor antigen in vivo" (1996) <i>J. Exp. Med.</i> <b>183</b> :317-322		
47.	Pardoll, D.M., "Cancer vaccines" (1998) <i>Nature Med.</i> <b>4(5 Suppl.)</b> :525-531		
48.	Parker, et al., "Sequence motifs important for peptide binding to the human MHC class I molecule, HLA-A2" (1992) <i>J. Immunol.</i> <b>149(11)</b> :3580-3587		
49.	Parker, K.C. et al. (1995) "Peptide Binding to MHC Class I Molecules: Implications for Antigenic Peptide Prediction" <i>Immunol. Res.</i> <b>14</b> :34-57		
50.	Parkhurst, M.R. et al., "Improved induction of melanoma-reactive CTL with peptides from the melanoma antigen gp100 modified at HLA-A*0201-binding residues" (1996) <i>J. Immunol.</i> <b>157</b> :2539-2548		
51.	al-Ramadi, B.K. et al., "Lack of strict correlation of functional sensitization with the apparent affinity of MHC/peptide complexes for the TCR" (1992) <i>J. Immunol.</i> <b>155(2)</b> :662-673		
52.	Rill, D.R. et al., "An approach for the analysis of relapse and marrow reconstitution after autologous marrow transplantation using retrovirus-mediated gene transfer" (1992) <i>Blood</i> <b>79(10)</b> :2694-2700		
53.	Rouse, R.J.D. et al., "Induction in vitro of primary cytotoxic T-lymphocyte responses with DNA encoding herpes simplex virus proteins" (1994) <i>J. Virol.</i> <b>68(9)</b> :5685-5689		
54.	Salazar, E. et al., "Agonist peptide from a cytotoxic T-lymphocyte epitope of human carcinoembryonic antigen stimulates production of TC1-type cytokines and increases tyrosine phosphorylation more efficiently than cognate peptide" (2000) <i>Int. J. Cancer</i> <b>85</b> :829-838		
55.	Samanen, J. et al., "5,5-dimethylthiazolidine-4-carboxylic acid (DTC) as a proline analog with restricted		

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		conformation" (1990) <i>Int. J. Peptide Protein Res.</i> <b>35</b> :501-509	
		Schlesinger, S. and T.W. Dubensky, Jr., "Alphavirus vectors for gene expression and vaccines" (1999) <i>Curr Opin Biotechnol.</i> <b>10</b> (5):434-439	
		Sette, A. et al., "The relationship between class I binding affinity and immunogenicity of potential cytotoxic T cell epitopes" (1994) <i>J. Immunol.</i> <b>153</b> (12):5586-5592	
		Shirai, M. et al., "CTL responses of HLA-A2.1-transgenic mice specific for hepatitis C viral peptides predict epitopes for CTL of humans carrying HLA-A2.1" (1995) <i>J. Immunol.</i> <b>154</b> :2733-2742	
	59.	Stuber, G. et al., "HLA-A0201 and HLA-B7 binding peptides in the EBV-encoded EBNA-1, EBNA-2 and BZLF-1 proteins detected in the MHC class 1 stabilization assay. Low proportion of binding motifs for several HLA class 1 alleles in EBNA-1" (1995) <i>Int. Immunol.</i> <b>7</b> (4):653-663	
	60.	Tan, L. et al., "An improved assembly assay for peptide binding to HLA-B*2705 and H-2K*class I MHC molecules" (1997) <i>J. Immunol. Meth.</i> <b>209</b> (1):25-36	
	61.	Tanguay, S. and J.J. Killian, "Direct comparison of ELISPOT and ELISA-based assays for detection of individual cytokine-secreting cells" (1994) <i>Lymphokine Cytokine Res.</i> <b>13</b> (4):259-263	
	62.	Valmori, D. et al., "Induction of potent antitumor CTL responses by recombinant vaccinia encoding a melan-A peptide analogue" (2000) <i>J. Immunol.</i> <b>164</b> (2):1125-1131	
	63.	van der Burg, S.H. et al., "Immunogenicity of peptides bound to MHC class I molecules depends on the MHC-peptide complex stability" (1996) <i>J. Immunol.</i> <b>156</b> :3308-3314	
	64.	Ware, C.F. et al., "Recognition of HLA-A2 mutant and variant target cells by an HLA-A2 allospecific human cytotoxic T lymphocyte line" (1983) <i>J. Immunol.</i> <b>131</b> (3):1312-1317	
	65.	Wilchek, M. and E.A. Bayer, "The avidin-biotin complex in bioanalytical applications" (1988) <i>Anal. Biochem.</i> <b>171</b> :1-32	
	66.	Ying, H. et al., "Cancer therapy using a self-replicating RNA vaccine" (1999) <i>Nat. Med.</i> <b>5</b> (7):823-827	
	67.	Zabrocki, J. et al., "Conformational mimicry. 1. 1,5-disubstituted tetrazole ring as a surrogate for the cis amide bond" (1988) <i>J. Am. Chem. Sci.</i> <b>110</b> :5875-5880	
	68.	Zechel, C. et al., "Synthetic glucagon antagonists and partial agonists" (1991) <i>Int. J. Pep. Protein Res.</i> <b>38</b> (2):131-138	
	69.	Zuegel, et al., "Termination of peripheral tolerance to a T cell epitope by heteroclitic antigen analogues" (1998) <i>J. Immunol.</i> <b>161</b> (4):1705-1709	
	70.	Zweerink, H.J. et al., "Presentation of endogenous peptides to MHC class I-restricted cytotoxic T lymphocytes in transport deletion mutant T2 cells" (1993) <i>J. Immunol.</i> <b>150</b> (5):1763-1771	

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